

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	("20030083998").PN.	US-PGPUB; USPAT	OR	OFF	2009/03/02 06:00
L2	20	(US-20030083998-\$ or US-20030058280-\$ or US-20040039809-\$ or US-20020143929-\$ or US-20020143928-\$ or US-20020143926-\$ or US-20030069952-\$).did. or (US-7058663-\$ or US-7009609-\$ or US-6965888-\$ or US-6886018-\$ or US-6694336-\$ or US-6041386-\$ or US-7312721-\$ or US-4962459-\$ or US-4958291-\$ or US-4941091-\$ or US-4774500-\$ or US-6327620-\$ or US-6279037-\$).did.	US-PGPUB; USPAT	OR	ON	2009/03/02 06:00
S1	0	"10/604,783"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/02/25 16:17
S2	139	(US-20060000883-\$ or US-20050278265-\$ or US-20050165703-\$ or US-20050137988-\$ or US-20050080749-\$ or US-20050071294-\$ or US-20050071290-\$ or US-20050065896-\$ or US-20050065895-\$ or US-20040193547-\$ or US-20040177050-\$ or US-20040073522-\$ or US-20040059680-\$ or US-20030111524-\$ or US-20030097337-\$ or US-20030028497-\$ or US-20020161742-\$ or US-20020046195-\$ or US-20010010524-\$).did. or (US-7343358-\$ or US-7171392-\$ or US-6847952-\$ or US-6701304-\$ or US-6574000-\$ or US-6509976-\$ or US-6477512-\$ or US-6424954-\$ or US-6321214-\$ or US-6307571-\$ or US-6298337-\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/02/25 18:33

		or US-6282525-\$ or US-6266055-\$ or US-6240403-\$ or US-6226626-\$ or US-6148292-\$ or US-6112193-\$ or US-6064994-\$ or US-6050486-\$ or US-6035291-\$ or US-5812991-\$ or US-5801364-\$ or US-5796834-\$ or US-5778076-\$ or US-5717596-\$ or US-5715164-\$). did. or (US-5710707-\$ or US-5710706-\$ or US-5675650-\$ or US-5602743-\$ or US-5535126-\$ or US-5513112-\$ or US-5493106-\$ or US-5490077-\$ or US-5477462-\$ or US-5459670-\$ or US-5384708-\$ or US-5383115-\$ or US-5323323-\$ or US-5319562-\$ or US-5280531-\$ or US-5243654-\$ or US-5005124-\$ or US-4980542-\$ or US-4962459-\$ or US-4958291-\$ or US-4941091-\$ or US-4928249-\$ or US-4813802-\$ or US-4811234-\$ or US-4775246-\$ or US-4757537-\$ or US-4752950-\$). did. or (US-4319328-\$ or US-4301507-\$).did.				
S3	229	(US-20070213939-\$ or US-20070160402-\$ or US-20070129714-\$ or US-20070053135-\$ or US-20070009301-\$ or US-20060257187-\$ or US-20060250425-\$ or US-20060217131-\$ or US-20060212410-\$ or US-20060200258-\$ or US-20060136348-\$ or US-20060132809-\$ or US-20060122951-\$ or US-20060106850-\$ or US-20060095349-\$ or US-20060095348-\$ or US-20060090577-\$ or US-20060087526-\$ or US-20060064311-\$ or US-20060047368-\$ or US-20060041243-\$ or US-20060024106-\$ or US-20060017758-\$ or US-20050230313-\$ or US-20050209564-\$ or US-20050165703-\$).did. or (US-20050137988-\$ or US-	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/02/25 18:37

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20030037007-\$ or US-  
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20020184575-\$ or US-  
20020177992-\$ or US-  
20020161362-\$ or US-  
20020087493-\$ or US-  
20010010524-\$).did. or (US-  
7319989-\$ or US-7305710-\$  
or US-7305245-\$ or US-  
7300218-\$ or US-7272581-\$  
or US-7206646-\$ or US-  
7197559-\$ or US-7149726-\$  
or US-7131777-\$ or US-  
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or US-RE38957-\$ or US-  
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or US-6738933-\$ or US-  
6685184-\$ or US-6670798-\$  
or US-6629974-\$ or US-  
6606226-\$ or US-6585675-\$).  
did. or (US-6564342-\$ or US-  
6528957-\$ or US-6493616-\$  
or US-6477512-\$ or US-  
6456892-\$ or US-6449739-\$  
or US-6324353-\$ or US-  
6307571-\$ or US-6266055-\$  
or US-6208980-\$ or US-  
6188997-\$ or US-6157919-\$

		or US-6081205-\$ or US-6064993-\$ or US-6064991-\$ or US-6064989-\$ or US-6013878-\$ or US-5978781-\$ or US-5963928-\$ or US-5898785-\$ or US-5819240-\$ or US-5801944-\$ or US-5799290-\$ or US-5724245-\$ or US-5696829-\$ or US-5680456-\$ or US-5606613-\$). did. or (US-5602743-\$ or US-5583779-\$ or US-5509117-\$ or US-5490077-\$ or US-5384708-\$ or US-5339733-\$ or US-4813912-\$ or US-4775246-\$ or US-4675841-\$ or US-4629871-\$ or US-4339807-\$ or US-4271481-\$ or US-4253158-\$ or US-3978457-\$).did. or (WO-9714117-\$).did. or (JP-09311961-\$).did. or (US-6188997-B-\$ or EP-881600-A-\$ or EP-782111-A-\$ or EP-735721-A-\$ or EP-718803-A-\$ or EP-718802-A-\$ or US-5423054-\$ or EP-18081-\$). did.				
S4	139	(US-20060000883-\$ or US-20050278265-\$ or US-20050165703-\$ or US-20050137988-\$ or US-20050080749-\$ or US-20050071294-\$ or US-20050071290-\$ or US-20050065896-\$ or US-20050065895-\$ or US-20040193547-\$ or US-20040177050-\$ or US-20040073522-\$ or US-20040059680-\$ or US-20030111524-\$ or US-20030097337-\$ or US-20030028497-\$ or US-20020161742-\$ or US-20020046195-\$ or US-20010010524-\$).did. or (US-7343358-\$ or US-7171392-\$ or US-6847952-\$ or US-6701304-\$ or US-6574000-\$ or US-6509976-\$ or US-6477512-\$ or US-6424954-\$ or US-6321214-\$ or US-6307571-\$ or US-6298337-\$ or US-6282525-\$ or US-6266055-\$ or US-6240403-\$ or US-6226626-\$ or US-	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/02/25 18:38

		6148292-\$ or US-6112193-\$ or US-6064994-\$ or US-6050486-\$ or US-6035291-\$ or US-5812991-\$ or US-5801364-\$ or US-5796834-\$ or US-5778076-\$ or US-5717596-\$ or US-5715164-\$). did. or (US-5710707-\$ or US-5710706-\$ or US-5675650-\$ or US-5602743-\$ or US-5535126-\$ or US-5513112-\$ or US-5493106-\$ or US-5490077-\$ or US-5477462-\$ or US-5459670-\$ or US-5384708-\$ or US-5383115-\$ or US-5323323-\$ or US-5319562-\$ or US-5280531-\$ or US-5243654-\$ or US-5005124-\$ or US-4980542-\$ or US-4962459-\$ or US-4958291-\$ or US-4941091-\$ or US-4928249-\$ or US-4813802-\$ or US-4811234-\$ or US-4775246-\$ or US-4757537-\$ or US-4752950-\$). did. or (US-4319328-\$ or US-4301507-\$).did.				
S5	343	(S4 or S3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/02/25 18:38
S6	104	(S5 and ((early or earlier or previous or previously or preceding or old or older or oldest or earliest or initial or initially) with (data or information or statistic)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/02/25 18:41
S7	208	(@ad<"20020815" or @pd<"20020815" or @rlad<"20020815" or @prad<"20020815") and ((data or information or statistic) with (collect or collected or collecting or collection or collector or gather or gathered or gathering or gatherer or record or recorded or recording or recorder or report or reported or reporting or reporter or audit or audited or auditing or auditor) with (rule or setting or instruction) with (apply or applied or applying or	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/02/25 19:12

		application) with (early or earlier or previous or previously or preceding or old or older or oldest or earliest or initial or initially))				
S8	2234	(@ad<"20020815" or @pd<"20020815" or @rlad<"20020815" or @prad<"20020815") and ((data or information or statistic) with (collect or collected or collecting or collection or collector or gather or gathered or gathering or gatherer or record or recorded or recording or recorder) with (calculate or calculated or calculating or calculation or calculator) with (early or earlier or previous or previously or preceding or old or older or oldest or earliest or initial or initially))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/02/25 20:21
S9	781	(@ad<"20020815" or @pd<"20020815" or @rlad<"20020815" or @prad<"20020815") and ((early or earlier or previous or previously or preceding or old or older or oldest or earliest or initial or initially) near5 (data or information or statistic) near5 (collect or collected or collecting or collection or collector or gather or gathered or gathering or gatherer or record or recorded or recording or recorder) near15 (calculate or calculated or calculating or calculation or calculator)) and ((early or earlier or previous or previously or preceding or old or older or oldest or earliest or initial or initially) with (data or information or statistic) with (collect or collected or collecting or collection or collector or gather or gathered or gathering or gatherer or record or recorded or recording or recorder) with (calculate or	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/02/25 20:24

		calculated or calculating or calculation or calculator))				
S10	32	(@ad<"20020815" or @pd<"20020815" or @rlad<"20020815" or @prad<"20020815") and (mail or mailed or mailing or mailer or mailpiece or "mail-piece" or post or postal or "post-office") and (meter or metered or metering or frank or franked or franking).ab. and ((data or information or statistic) near3 (collect or collected or collecting or collection or collector or gather or gathered or gathering or gatherer or record or recorded or recording or recorder)).ab. and ((previous or previously) with (data or information or statistic) with (collect or collected or collecting or collection or collector or gather or gathered or gathering or gatherer or record or recorded or recording or recorder))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/02/26 16:59
S11	32	(US-20090005666-\$ or US-20050027177-\$ or US-20050004439-\$ or US-20040039809-\$ or US-20040024717-\$ or US-20020161288-\$).did. or (US-7312721-\$ or US-7029444-\$ or US-7024468-\$ or US-6895263-\$ or US-6618709-\$ or US-6552650-\$ or US-6424847-\$ or US-6416471-\$ or US-5538232-\$ or US-5445367-\$ or US-5278551-\$ or US-4962459-\$ or US-4958291-\$ or US-4941091-\$ or US-4817004-\$ or US-4774500-\$ or US-4752950-\$ or US-4433387-\$ or US-4135395-\$ or US-3932730-\$).did. or (EP-621563-\$ or GB-2235413-\$).did. or (EP-621563-\$ or FR-2665003-\$ or GB-2235413-\$ or US-4941091-\$).did.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/02/26 16:59

S12	32	S11 and ((previous or previously) with (data or information or statistic) with (collect or collected or collecting or collection or collector or gather or gathered or gathering or gatherer or record or recorded or recording or recorder))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/02/26 17:00
S13	229	(US-20070213939-\$ or US-20070160402-\$ or US-20070129714-\$ or US-20070053135-\$ or US-20070009301-\$ or US-20060257187-\$ or US-20060250425-\$ or US-20060217131-\$ or US-20060212410-\$ or US-20060200258-\$ or US-20060136348-\$ or US-20060132809-\$ or US-20060122951-\$ or US-20060106850-\$ or US-20060095349-\$ or US-20060095348-\$ or US-20060090577-\$ or US-20060087526-\$ or US-20060064311-\$ or US-20060047368-\$ or US-20060041243-\$ or US-20060024106-\$ or US-20060017758-\$ or US-20050230313-\$ or US-20050209564-\$ or US-20050165703-\$).did. or (US-20050137988-\$ or US-20050131844-\$ or US-20050071297-\$ or US-20050071294-\$ or US-20050071290-\$ or US-20050068356-\$ or US-20050015344-\$ or US-20040254757-\$ or US-20040221175-\$ or US-20040204775-\$ or US-20040202577-\$ or US-20040177050-\$ or US-20040177049-\$ or US-20040122775-\$ or US-20040056779-\$ or US-20040030277-\$ or US-20040003256-\$ or US-20030177104-\$ or US-20030168798-\$ or US-20030145088-\$ or US-	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/02/27 17:55



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20020177992-\$ or US-  
20020161362-\$ or US-  
20020087493-\$ or US-  
20010010524-\$).did. or (US-  
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or US-7305245-\$ or US-  
7300218-\$ or US-7272581-\$  
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7197559-\$ or US-7149726-\$  
or US-7131777-\$ or US-  
7111318-\$ or US-7103179-\$  
or US-7080044-\$ or US-  
7080038-\$ or US-7059694-\$  
or US-RE38957-\$ or US-  
6986053-\$ or US-6920557-\$  
or US-6847952-\$ or US-  
6800452-\$ or US-6746864-\$  
or US-6738933-\$ or US-  
6685184-\$ or US-6670798-\$  
or US-6629974-\$ or US-  
6606226-\$ or US-6585675-\$).  
did. or (US-6564342-\$ or US-  
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or US-6477512-\$ or US-  
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or US-6324353-\$ or US-  
6307571-\$ or US-6266055-\$  
or US-6208980-\$ or US-  
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or US-6081205-\$ or US-  
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or US-5801944-\$ or US-  
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or US-5696829-\$ or US-  
5680456-\$ or US-5606613-\$).  
did. or (US-5602743-\$ or US-  
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or US-5490077-\$ or US-  
5384708-\$ or US-5339733-\$  
or US-4813912-\$ or US-  
4775246-\$ or US-4675841-\$  
or US-4629871-\$ or US-  
4339807-\$ or US-4271481-\$  
or US-4253158-\$ or US-

		3978457-\$).did. or (WO-9714117-\$).did. or (JP-09311961-\$).did. or (US-6188997-B-\$ or EP-881600-A-\$ or EP-782111-A-\$ or EP-735721-A-\$ or EP-718803-A-\$ or EP-718802-A-\$ or US-5423054-\$ or EP-18081-\$).did.				
S14	139	(US-20060000883-\$ or US-20050278265-\$ or US-20050165703-\$ or US-20050137988-\$ or US-20050080749-\$ or US-20050071294-\$ or US-20050071290-\$ or US-20050065896-\$ or US-20050065895-\$ or US-20040193547-\$ or US-20040177050-\$ or US-20040073522-\$ or US-20040059680-\$ or US-20030111524-\$ or US-20030097337-\$ or US-20030028497-\$ or US-20020161742-\$ or US-20020046195-\$ or US-20010010524-\$).did. or (US-7343358-\$ or US-7171392-\$ or US-6847952-\$ or US-6701304-\$ or US-6574000-\$ or US-6509976-\$ or US-6477512-\$ or US-6424954-\$ or US-6321214-\$ or US-6307571-\$ or US-6298337-\$ or US-6282525-\$ or US-6266055-\$ or US-6240403-\$ or US-6226626-\$ or US-6148292-\$ or US-6112193-\$ or US-6064994-\$ or US-6050486-\$ or US-6035291-\$ or US-5812991-\$ or US-5801364-\$ or US-5796834-\$ or US-5778076-\$ or US-5717596-\$ or US-5715164-\$).did. or (US-5710707-\$ or US-5710706-\$ or US-5675650-\$ or US-5602743-\$ or US-5535126-\$ or US-5513112-\$ or US-5493106-\$ or US-5490077-\$ or US-5477462-\$ or US-5459670-\$ or US-5384708-\$ or US-5383115-\$ or US-5323323-\$ or US-5319562-\$ or US-5280531-\$ or US-5243654-\$ or US-5005124-\$ or US-4980542-\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/02/27 17:55

		or US-4962459-\$ or US-4958291-\$ or US-4941091-\$ or US-4928249-\$ or US-4813802-\$ or US-4811234-\$ or US-4775246-\$ or US-4757537-\$ or US-4752950-\$). did. or (US-4319328-\$ or US-4301507-\$). did.				
S15	343	(S14 or S13)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/02/27 17:55
S16	160	(@ad<"20020815" or @pd<"20020815" or @rlad<"20020815" or @prad<"20020815") and ((data or information or statistic) near2 (collect or collected or collecting or collection or collector or gather or gathered or gathering or gatherer)).ab. and ((convert or converted or converting or convertor or converter or conversion or translate or translated or translating or translator or translation) with (data or information or statistic) with (previous or previously))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/02/27 18:10
S17	160	(US-20020161621-\$ or US-20020044690-\$ or US-20030200272-\$ or US-20050033765-\$ or US-20020103819-\$ or US-20010039653-\$ or US-20040116088-\$ or US-20070127726-\$ or US-20020198847-\$ or US-20020135805-\$ or US-20020022775-\$ or US-20030028687-\$ or US-20020091972-\$ or US-20030109973-\$ or US-20030187571-\$ or US-20030180716-\$ or US-20030151801-\$ or US-20030138251-\$ or US-20030036683-\$ or US-20050261991-\$ or US-20030118317-\$ or US-20020052810-\$ or US-20020143929-\$ or US-20020143928-\$ or US-20020143926-\$ or US-	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/02/27 18:10

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or US-5810747-\$ or US-  
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or US-5815411-\$ or US-  
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or US-6272457-\$ or US-  
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or US-6389572-\$ or US-  
6678747-\$ or US-6816762-\$).  
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or US-5842017-\$ or US-  
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or US-5253170-\$ or US-  
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or US-4748636-\$ or US-  
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or US-6249275-\$ or US-  
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or US-6212944-\$ or US-  
7027972-\$ or US-5005142-\$  
or US-5160892-\$ or US-  
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or US-4816904-\$ or US-  
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or US-7081091-\$ or US-  
6719634-\$ or US-6575835-\$).  
did. or (US-6415095-\$ or US-  
6689055-\$ or US-4033336-\$  
or US-5483631-\$ or US-  
7275090-\$ or US-5398185-\$

		or US-7366285-\$ or US-6704396-\$ or US-7072724-\$ or US-4581712-\$ or US-5034598-\$ or US-7273454-\$ or US-6640134-\$ or US-6282441-\$ or US-6095985-\$ or US-5778882-\$ or US-3651458-\$ or US-6773932-\$ or US-6199095-\$ or US-4455483-\$ or US-7029444-\$ or US-6185707-\$ or US-5168273-\$ or US-7089322-\$ or US-5309357-\$ or US-7474759-\$ or US-6035282-\$). did. or (US-5819235-\$ or US-6327620-\$ or US-6279037-\$ or US-7130774-\$ or US-6226789-\$ or US-7026929-\$ or US-7019638-\$ or US-4941038-\$ or US-6535903-\$ or US-6502237-\$ or US-6091897-\$ or US-5930509-\$ or US-5802373-\$ or US-4943958-\$).did. or (EP-403155-\$).did. or (JP-61029275-\$ or JP-06040010-\$ or JP-2001109781-\$ or JP-2003150777-\$ or JP-04174055-\$ or JP-2003187560-\$ or JP-10003591-\$ or JP-60021444-\$ or JP-08044416-\$ or JP-11188030-\$ or JP-62254262-\$ or JP-2002297651-\$ or JP-2002082992-\$).did. or (GB-2389290-\$ or EP-403155-\$ or US-4943958-\$ or CA-2264328-\$ or JP-10021251-\$ or KR-2002010404-\$ or KR-9205843-\$ or KR-2001017252-\$ or US-20060235318-\$).did.				
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